

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept Health & Human Services
Div of Environmental Health 11 SHS
(207) 287-5672 Fax: (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	LAMOINE
Street or Road	LOT # 1 BOULDER COVE ESTATES	Permit #	1728
Subdivision, Lot #		Date Permit Issued	5/6/14
OWNER/APPLICANT INFORMATION		Fee	\$ 25
Name (last, first, MI)	BELCH, TONY	Double Fee Charged	
Mailing Address of Owner/Applicant	1 PEBBLEBROOK CONVT. 39 ORCHARD LANE (207) 667-7292	LPI #	1040
Daytime Tel #	(207) 460-0651	Local Plumbing Inspector Signature	<i>[Signature]</i>
OWNER OR APPLICANT STATEMENT		Owner	Town
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules	
Signature of Owner or Applicant		Municipal Tax Map #	3
Date		Lot #	12-7
5/6/14		CAUTION: INSPECTION REQUIRED	
		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application	
		(1st date approved)	

PERMIT INFORMATION	
TYPE OF APPLICATION	THIS APPLICATION REQUIRES
<input checked="" type="checkbox"/> 1 First Time System	<input checked="" type="checkbox"/> 1 No Rule Variance
<input type="checkbox"/> 2 Replacement System	<input type="checkbox"/> 2 First Time System Variance
Type replaced	<input type="checkbox"/> a Local Plumbing Inspector Approval
Year installed	<input type="checkbox"/> b State & Local Plumbing Inspector Approval
<input type="checkbox"/> 3 Expanded System	<input type="checkbox"/> 3 Replacement System Variance
a. <25% Expansion	<input type="checkbox"/> a Local Plumbing Inspector Approval
b. >25% Expansion	<input type="checkbox"/> b State & Local Plumbing Inspector Approval
<input type="checkbox"/> 4 Experimental System	<input type="checkbox"/> 4 Minimum Lot Size Variance
<input type="checkbox"/> 5 Seasonal Conversion	<input type="checkbox"/> 5 Seasonal Conversion Permit
SIZE OF PROPERTY	DISPOSAL SYSTEM TO SERVE
2.04 ACRES	<input checked="" type="checkbox"/> 1 Single Family Dwelling Unit, No. of Bedrooms 5
SHORELAND ZONING	<input type="checkbox"/> 2 Multiple Family Dwelling, No. of Units
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 3 Other
Current Use	(specify)
<input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	
DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)	
TREATMENT UNIT	DISPOSAL FIELD TYPE & SIZE
<input checked="" type="checkbox"/> 1 Concrete <input checked="" type="checkbox"/> 2 Plastic	<input checked="" type="checkbox"/> 1 Stone Bed <input type="checkbox"/> 2 Stone Trench
<input type="checkbox"/> 3 Other	<input type="checkbox"/> 3 Proprietary Device
CAPACITY 1500 GAL	a. cluster array <input type="checkbox"/> c. Linear
	b. regular load <input type="checkbox"/> d. H-20 load
	<input type="checkbox"/> 4 Other
	SIZE 1200 sq ft
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING
PROFILES CONDITION	<input checked="" type="checkbox"/> 1 Medium---2.5 sq ft / gpd
51 C	Medium---Large 3.3 sq ft / gpd
at Observation Hole # TPI	<input type="checkbox"/> 3 Large---4.1 sq ft / gpd
Depth 36"	<input type="checkbox"/> 4 Extra Large---5.0 sq ft / gpd
of Most Limiting Soil Factor	
	EFFLUENT/EJECTOR PUMP
	<input type="checkbox"/> Not Required
	<input type="checkbox"/> May Be Required
	<input checked="" type="checkbox"/> Required
	Specify only for engineered systems
	BOSE 35 gallons (MW)
	DESIGN FLOW
	450 gallons per day
	BASED ON:
	<input checked="" type="checkbox"/> 1 Table 4A (dwelling unit(s))
	<input type="checkbox"/> 2 Table 4C (other facilities)
	SHOW CALCULATIONS for other facilities
	<input type="checkbox"/> 3 Section 4G (meter readings)
	ATTACH WATER METER DATA
	LATITUDE AND LONGITUDE
	at center of disposal area
	Lat 44° 28' 30" N
	Lon 68° 31' 16" W
	if g.p.s. state margin of error: 30'

SITE EVALUATOR STATEMENT	
I certify that on 4/23/08 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241)	
Site Evaluator Signature	SE #
STEPHEN H. HOWELL	213
Site Evaluator Name Printed	Date
	4/22/14
	Telephone Number
	(207) 735-6547
	Address
	J.W. Cole Eng, Inc.

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

LANDOWE

LOT # 7

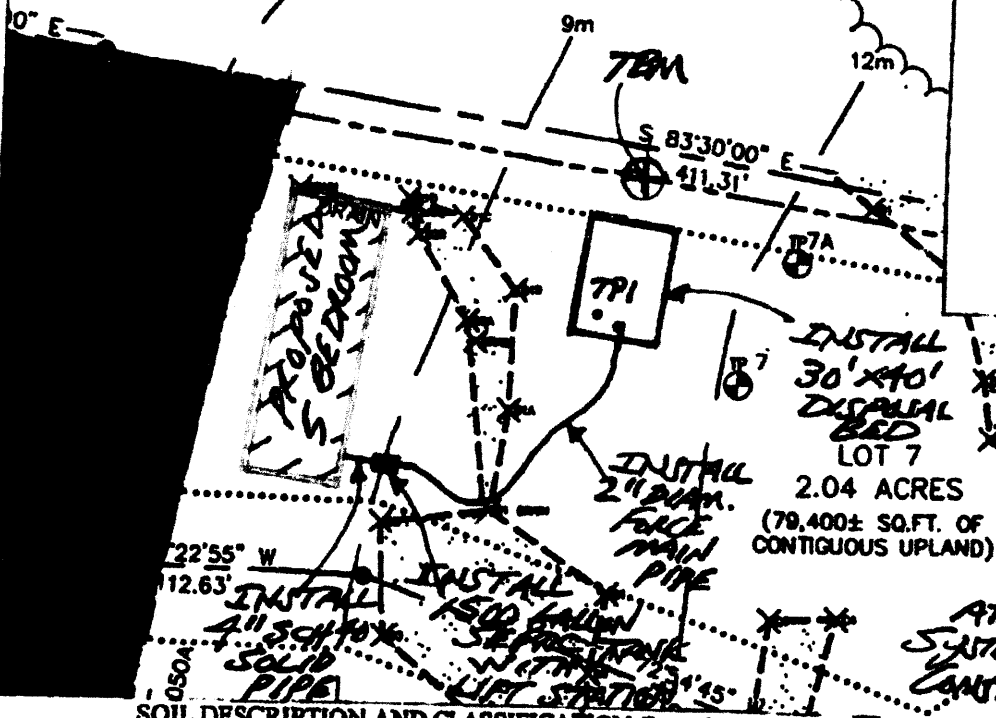
BOULDER COVE ESTATES

PEBBLEBROOK COND.

SITE PLAN

Scale 1" = **60** ft. or as shown

SITE LOCATION PLAN
(map from Maine Atlas recommended)



***NOTES:**
REVIEW +
COMPLY WITH
ATTACHED SPEC
SYSTEM CONSTRUCTION NOTES

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole **TPI** ☒ Test Pit ☐ Boring
" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	BROWN	None
10	LOAMY FINE SAND	LIGHT BROWN	
20	FINE SAND	OLIVE BROWN	
30			
40			
50			

Soil Classification 5 C	Slope 1-5%	Limiting Factor 36	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile 5 C	Condition		

Observation Hole ☐ Test Pit ☐ Boring
" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0			
10			
20			
30			
40			
50			

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		

Site Evaluator Signature

SE #

Date

213

4/27/08

UPDATED

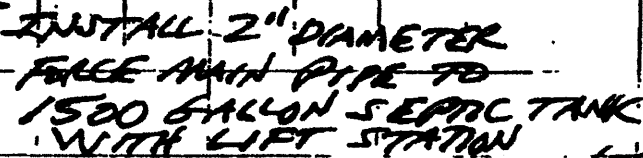
Page 2 of 3

HHE 200 Rev. 8/01

**Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5872 Fax (207) 287-3165**

Owner or Applicant Name
PEBBLEBROOK CONST.

Scale: 1" = 20 ft

**ELEVATION REFERENCE POINT**

Location & Description *NAL + F46016*

2.9' VPA 12" PMM. SPUR

Bottom of Disposal Field

Reference Elevation is 0 0' ~~X~~ ~~7156~~

3' Scales
Vertical: 1" = 5' ft.
Horizontal: 1" = 10' ft.

X-SECT-
NORTH

A hand-drawn sketch of a well section. At the top, a horizontal line represents the ground surface. Below it, a curved line indicates the well casing. Inside the casing, a vertical line represents the perforated pipe. To the left of the pipe, the text "X-SECT B-NORTH END" is written. To the right of the pipe, the text "4\" SCH 20 PERFORATED PIPE (DISTRIBUTION LINE)" is written. Below the pipe, a horizontal line is labeled "12\"". Below this line, the text "CLEAN + WASHED 3/4\" - 2 1/2\" DIAMETER STONE, PER SECTION" is written. The sketch is simple and appears to be a field drawing.

GRAVELLY COARSE
SAND FILL, PER
SECTION II, TABLE 11A
OF I CODE
TABLE 11B

SE #
10 CMR 241 (October 1, 2002)

4/27/08
Date
UPDATED 4/22/14

AND SUPPLEMENTED WITH FIELD INFORMATION WHERE THE CONTOURS CROSS THE PROPOSED ROADWAY. CONTOURS WERE ALSO INTERPOLATED TO 3 METER INTERVALS.

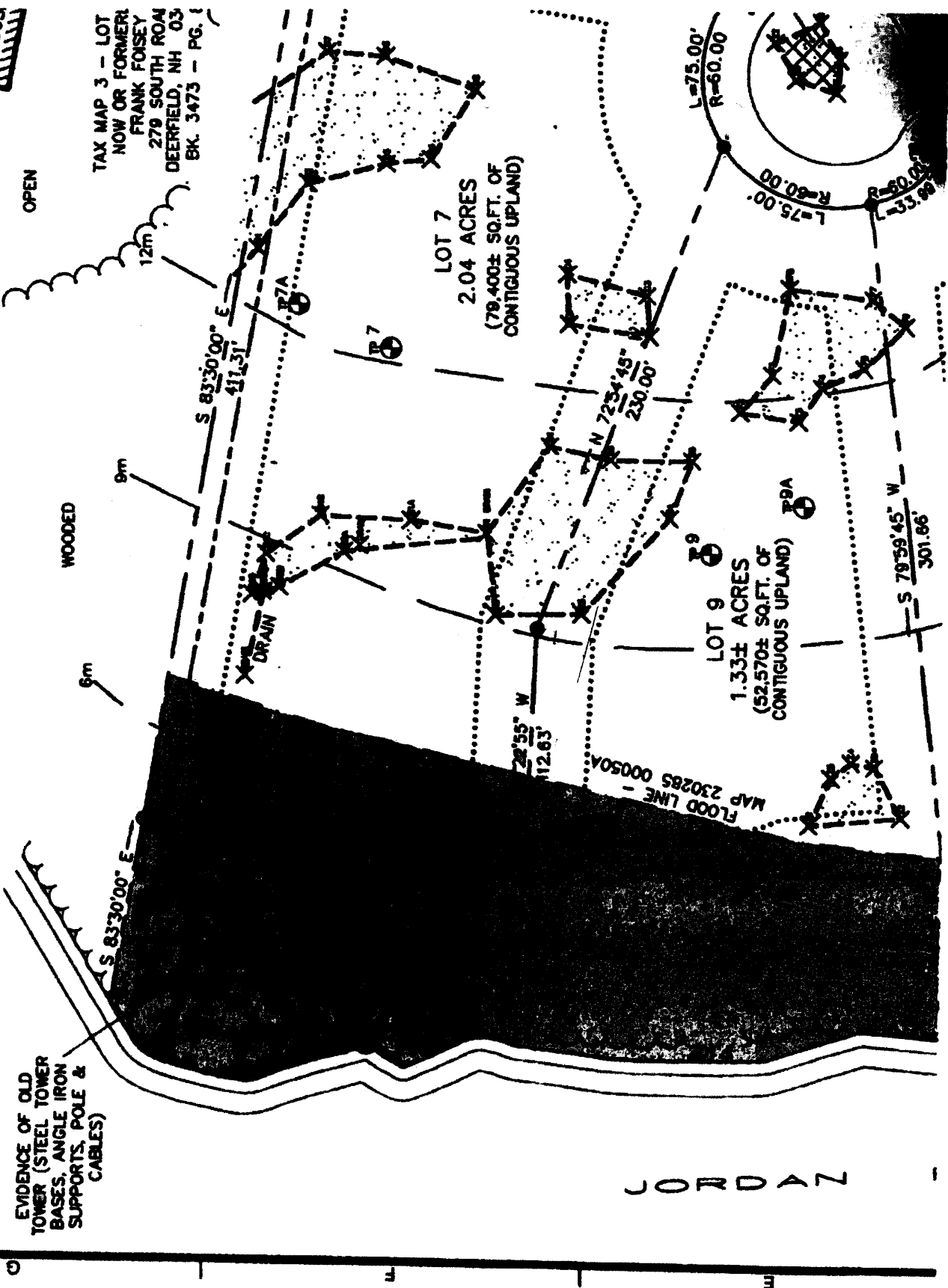
- 5.) PROJECT BENCHMARK: STANDARD TABLET, STAMPED 89 WO 49 1940, SET IN TOP OF LARGE, IMBEDDED BOULDER, APPROXIMATELY 0.7 MILES SOUTH ALONG SHORE ROAD FROM LAMOINE CORNER, APPROX. 27 FEET EAST OF CENTERLINE OF ROAD, AND APPROX. 53 FEET SOUTHWEST OF SOUTHWEST CORNER OF HOUSE ON PROPERTY NOW OR FORMERLY OWNED BY CORHAM STRATTON (ELEVATION = 89.47 FEET NGVD). BENCHMARK IS ALSO SHOWN AS RM 1 ON FEMA MAP REFERENCED IN NOT #8.

- 11.) SOURCE OF ANTHONY AND COUNTY REGISTRY

- 12.) ALL PRIMARY STRUCTURES ON FLOOR ELEVATED AT LEAST 8 FEET BY THE FEMA MAP REFERENCE

HOUS

TAX MAP 3 - LOT NOW OR FORMERLY FRANK FOISEY 278 SOUTH ROAD DEERFIELD, NH 03 BK. 3473 - PG. 1



JORDAN

Construction Notes

1. Disposal bed to be a minimum of 100 feet from all wells, 300 feet from public water supplies, 50 feet from all seasonal streams, 100 feet from all perennial streams, 15 feet from the edge of any curtain drains, 10 feet from property lines, and 20 feet from buildings
2. Septic tank to be a minimum of 100 feet from wells, ponds, lakes, and perennial streams, 50 feet from seasonal streams, 10 feet from property lines, and 8 feet from buildings.
3. Divert all roof runoff and surface runoff away from leachfield.
4. Properly protect all pipes, chambers, and tanks from freezing and/or crushing
5. Review and comply with attached Septic System User Notes.

SEPTIC SYSTEM USER NOTES

1. This septic system has been designed to meet requirements of the State of Maine Subsurface Wastewater Disposal Rules, 10 144A CMR 241. Because site evaluators are not notified when local ordinances are enacted which exceed state requirements, it is the septic system owner's responsibility to ensure that this septic system design (HHE-200 form) is in compliance with applicable local ordinances. This can be done by contacting your local plumbing inspector and asking about local ordinances which differ from those required in the Rules.
2. It is the septic system owner's responsibility to obtain any local, state, or federal permit(s) that may be required for the installation of this septic system (work within or adjacent to a wetland may require a state and/or federal permit). Contact the Maine Department of Environmental Protection at 287-2111 and the Army Corps of Engineers at 623-8367 if you have any questions.
3. The use of a garbage grinder on a septic system is not recommended. Depending on use patterns, they can contribute a significant amount of particulate matter and grease to the system. Excessive use may result in premature failure. If a garbage grinder is to be used, additional septic tank capacity, a multi compartment septic tank is required, and/or more frequent septic tank pumping is recommended.
4. For new construction, it is recommended that the septic system owner install low volume toilets (1 1/2 gallons per flush or less) and other flow reducing fixtures such as low volume shower heads and faucets to minimize water consumption. A reduction in water usage will generally result in extended life of your septic system.
5. It is the septic system owner's responsibility to limit water consumption and wastewater generation so that the septic system design capacity (design flow on the HHE-200 form) is not exceeded on any day. Activities which generate large amounts of wastewater should be spread out over several days where possible. Excessive use of a septic system on any day can cause the system to fail even though your use, averaged over a week or month, is below design volume.
6. Do not connect floor or roof drains to a septic system. Your septic system is not designed to handle this water and it will likely cause premature failure.
7. Do not dispose of backwash from water softeners or water treatment devices in your septic system. Large amounts of water can be generated from these devices which can overload a septic system.
8. Do not dispose of any hazardous or toxic substances in a septic system such as paint thinner, paints, varnishes, photographic solutions, pesticides, insecticides, organic solvents or degreasers and drain openers. Septic systems depend on living organisms to function properly. Toxic or hazardous material can, in effect, "kill" the system and are a threat to pollution of surface or groundwater resources. Instead of using a commercial degreaser or drain opener, which can be toxic, use one of the following:
 - A. A plunger or mechanical snake; or
 - B. Pour one handful of baking soda and 1/2 cup of white vinegar down the drainpipe and cover tightly for one minute. Repeat as necessary; or